

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/511,530A
Source: 1 FWO
Date Processed by STIC: 11/8/06

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IFWO

RAW SEQUENCE LISTING

DATE: 11/08/2006

PATENT APPLICATION: US/10/511,530A

TIME: 11:37:42

Input Set : E:\18519-26 Sequence Listing.txt

Output Set: N:\CRF4\11082006\J511530A.raw

3 <110> APPLICANT: CEREMEDIX, INC.
 4 Adams, David S.
 5 Shashoua, Victor E.
 7 <120> TITLE OF INVENTION: Peptide-Dependent Upregulation of Telomerase Expression
 9 <130> FILE REFERENCE: 18519-26
 11 <140> CURRENT APPLICATION NUMBER: US 10/511,530A
 12 <141> CURRENT FILING DATE: 2004-10-15
 14 <160> NUMBER OF SEQ ID NOS: 31
 16 <170> SOFTWARE: PatentIn version 3.3
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 12
 20 <212> TYPE: PRT
 21 <213> ORGANISM: Homo sapiens
 24 <220> FEATURE:
 25 <221> NAME/KEY: MISC_FEATURE
 26 <222> LOCATION: (1)..(12)
 27 <223> OTHER INFORMATION: Sequence may include an amino terminal capping group and/or a
 28 carboxy terminal capping group
 30 <400> SEQUENCE: 1
 32 Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro Gly Gln
 33 1 5 10
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 6
 38 <212> TYPE: PRT
 39 <213> ORGANISM: Homo sapiens
 42 <220> FEATURE:
 43 <221> NAME/KEY: misc_feature
 44 <222> LOCATION: (1)..(6)
 45 <223> OTHER INFORMATION: Sequence may include an amino terminal capping group and/or a
 46 carboxy terminal capping group
 48 <400> SEQUENCE: 2
 50 Gln Thr Leu Gln Phe Arg
 51 1 5
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 7
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Homo sapiens
 60 <220> FEATURE:
 61 <221> NAME/KEY: MISC_FEATURE
 62 <222> LOCATION: (1)..(7)
 63 <223> OTHER INFORMATION: X at position 1 is Asp or Asn; X at position 3 is Asp or Asn;
 64 at position 4 is absent or Gly; X at position 5 is absent, Asp,
 65 or Phe; X at position 6 is absent, Ala or Phe; X at position 7 is

X

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66      absent or Ala
68 <220> FEATURE:
69 <221> NAME/KEY: MISC_FEATURE
70 <222> LOCATION: (1)..(7)
71 <223> OTHER INFORMATION: Sequence may include an amino terminal capping group and/or a
72      carboxy terminal capping group
74 <400> SEQUENCE: 3
W--> 76 Xaa Gly Xaa Xaa Xaa Xaa Xaa
77 1      5
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 5
82 <212> TYPE: PRT
83 <213> ORGANISM: Homo sapiens
85 <400> SEQUENCE: 4
87 Asp Gly Asp Gly Asp
88 1      5
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 6
93 <212> TYPE: PRT
94 <213> ORGANISM: Homo sapiens
96 <400> SEQUENCE: 5
98 Asp Gly Asp Gly Phe Ala
99 1      5
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 7
104 <212> TYPE: PRT
105 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 6
109 Asp Gly Asp Gly Asp Phe Ala
110 1      5
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 7
115 <212> TYPE: PRT
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 7
120 Asp Gly Asn Gly Asp Phe Ala
121 1      5
124 <210> SEQ ID NO: 8
125 <211> LENGTH: 7
126 <212> TYPE: PRT
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 8
131 Asn Gly Asn Gly Asp Phe Ala
132 1      5
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 7
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 9

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142 Asn Gly Asp Gly Asp Phe Ala
143 1      5
146 <210> SEQ ID NO: 10
147 <211> LENGTH: 8
148 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
152 <220> FEATURE:
153 <221> NAME/KEY: MISC_FEATURE
154 <222> LOCATION: (1)..(8)
155 <223> OTHER INFORMATION: Sequence may include an amino terminal capping group and/or
a
156      carboxy terminal capping group
158 <220> FEATURE:
159 <221> NAME/KEY: MISC_FEATURE
160 <222> LOCATION: (1)..(2)
161 <223> OTHER INFORMATION: X at position 1 is absent or is Ser; X at position 2 is
absent or
162      is Lys
164 <400> SEQUENCE: 10
W--> 166 Xaa Xaa Met Thr Leu Thr Gln Pro
167 1      5
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 6
172 <212> TYPE: PRT
173 <213> ORGANISM: Homo sapiens
175 <400> SEQUENCE: 11
177 Met Thr Leu Thr Gln Pro
178 1      5
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 8
183 <212> TYPE: PRT
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 12
188 Ser Lys Met Thr Leu Thr Gln Pro
189 1      5
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 5
194 <212> TYPE: PRT
195 <213> ORGANISM: Homo sapiens
198 <220> FEATURE:
199 <221> NAME/KEY: MISC_FEATURE
200 <222> LOCATION: (1)..(5)
201 <223> OTHER INFORMATION: X at position 3 is Glu or Leu; X at position 4 is Ala or
Glu; X
202      at position 5 is absent, Leu or Ala
204 <220> FEATURE:
205 <221> NAME/KEY: MISC_FEATURE
206 <222> LOCATION: (1)..(5)
207 <223> OTHER INFORMATION: Sequence may include an amino terminal capping group and/or
a
208      carboxy terminal capping group
210 <400> SEQUENCE: 13
W--> 212 Asp Gly Xaa Xaa Xaa

```

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213 1          5
216 <210> SEQ ID NO: 14
217 <211> LENGTH: 4
218 <212> TYPE: PRT
219 <213> ORGANISM: Homo sapiens
222 <220> FEATURE:
223 <221> NAME/KEY: MISC_FEATURE
224 <222> LOCATION: (1)..(4)
225 <223> OTHER INFORMATION: Sequence may contain an amino terminal capping group and/or
a
226         carboxy terminal capping group
228 <220> FEATURE:
229 <221> NAME/KEY: MISC_FEATURE
230 <222> LOCATION: (1)..()
231 <223> OTHER INFORMATION: An acetyl amino terminal capping group may be appended to
the
232         sequence
234 <400> SEQUENCE: 14
236 Asp Gly Glu Ala
237 1
240 <210> SEQ ID NO: 15
241 <211> LENGTH: 11
242 <212> TYPE: PRT
243 <213> ORGANISM: Homo sapiens
246 <220> FEATURE:
247 <221> NAME/KEY: MISC_FEATURE
248 <222> LOCATION: (1)..(7)
249 <223> OTHER INFORMATION: X in the first position is absent or any amino acid; X in
the
250         second position is absent or any amino acid; X in the fifth
251         position is Glu or Leu; X in the sixth position is Ala or Glu; X
252         in the seventh position is absent, Leu or Ala
254 <220> FEATURE:
255 <221> NAME/KEY: MISC_FEATURE
256 <222> LOCATION: (1)..(11)
257 <223> OTHER INFORMATION: Sequence may contain an amino terminal capping group and/or
a
258         carboxy terminal capping group
260 <220> FEATURE:
261 <221> NAME/KEY: MISC_FEATURE
262 <222> LOCATION: (8)..(11)
263 <223> OTHER INFORMATION: X in the eighth position is absent or any amino acid; X in
the
264         ninth position is absent or any amino acid; X in the tenth
265         position is absent or any amino acid; X in the eleventh position
266         is absent or any amino acid
268 <400> SEQUENCE: 15
W--> 270 Xaa Xaa Asp Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa
271 1          5          10
274 <210> SEQ ID NO: 16
275 <211> LENGTH: 5
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens

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280 <220> FEATURE:

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281 <221> NAME/KEY: misc_feature
 282 <222> LOCATION: (1)..(5)
 283 <223> OTHER INFORMATION: Sequence may contain an amino terminal capping group and/or

a

284 carboxy terminal capping group
 286 <400> SEQUENCE: 16
 288 Asp Gly Glu Ala Leu
 289 1 5
 292 <210> SEQ ID NO: 17
 293 <211> LENGTH: 5
 294 <212> TYPE: PRT
 295 <213> ORGANISM: Homo sapiens
 297 <400> SEQUENCE: 17
 299 Asp Gly Leu Glu Ala
 300 1 5
 303 <210> SEQ ID NO: 18
 304 <211> LENGTH: 6
 305 <212> TYPE: PRT
 306 <213> ORGANISM: Homo sapiens
 308 <400> SEQUENCE: 18
 310 Glu Thr Leu Gln Phe Arg
 311 1 5
 314 <210> SEQ ID NO: 19
 315 <211> LENGTH: 8
 316 <212> TYPE: PRT
 317 <213> ORGANISM: Homo sapiens
 319 <400> SEQUENCE: 19
 321 Gln Tyr Ser Ile Gly Gly Pro Gln
 322 1 5
 325 <210> SEQ ID NO: 20
 326 <211> LENGTH: 8
 327 <212> TYPE: PRT
 328 <213> ORGANISM: Homo sapiens
 330 <400> SEQUENCE: 20
 332 Ser Asp Arg Ser Ala Arg Ser Tyr
 333 1 5
 336 <210> SEQ ID NO: 21
 337 <211> LENGTH: 12
 338 <212> TYPE: PRT
 339 <213> ORGANISM: Homo sapiens
 341 <400> SEQUENCE: 21
 343 Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu .
 344 1 5 10
 347 <210> SEQ ID NO: 22
 348 <211> LENGTH: 5
 349 <212> TYPE: PRT
 350 <213> ORGANISM: Homo sapiens
 352 <400> SEQUENCE: 22
 354 Asn Gly Asn Gly Asp
 355 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/511,530A

DATE: 11/08/2006
TIME: 11:37:43

Input Set : E:\18519-26 Sequence Listing.txt
Output Set: N:\CRF4\11082006\J511530A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 1, 3, 4, 5, 6, 7
Seq#:10; Xaa Pos. 1, 2
Seq#:13; Xaa Pos. 3, 4, 5
Seq#:15; Xaa Pos. 1, 2, 5, 6, 7, 8, 9, 10, 11

VERIFICATION SUMMARY

DATE: 11/08/2006

PATENT APPLICATION: US/10/511,530A

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Input Set : E:\18519-26 Sequence Listing.txt

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L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0